



~~3672/8~~  
**PATENT**  
**TH1985**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/841,284

Filing Date: April 24, 2001

Confirmation No.: 4716

Inventors: Vinegar et al.

Title: IN SITU THERMAL PROCESSING  
OF A COAL FORMATION TO  
INCREASE  
PERMEABILITY/POROSITY OF  
THE FORMATION

§ Examiner: G. A. Suchfield  
§ Art Unit: 3672  
§ Atty. Dkt. No.: 5659-06000

**CERTIFICATE OF MAILING  
UNDER 37 C.F.R. §1.8**

**DATE OF DEPOSIT:**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

MAR 04 2004

## GROUP 360C

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is respectfully requested that this Information Disclosure Statement be entered and the document listed on attached Form PTO-1449 (AA11 and U11) be considered by the Examiner and made of record. A copy of the listed document is enclosed for the convenience of the Examiner.

A Fee Authorization for the Information Disclosure Fee is enclosed. Should any additional fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzl, P.C. Deposit Account No. 50-1505/5659-06000 /EBM.

Respectfully submitted,

*David W. Quimby*  
David W. Quimby  
Reg. No. 39,338  
Attorney for Applicant

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
Ph: (512) 853-8800 Fax: (512) 853-8801  
Date: February 19, 2004

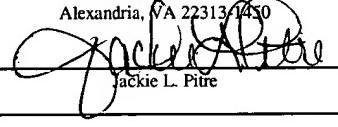
03/01/2004 SDENBOB1 00000011 501505 09841284

01 FC:1806 180.00 DA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,284  
Confirmation No.: 4716  
Filing Date: April 24, 2001  
Inventors: Vinegar et al.  
Title: IN SITU THERMAL  
PROCESSING OF A COAL  
FORMATION TO INCREASE  
PERMEABILITY/POROSITY  
OF THE FORMATION

§ Examiner: G. A. Suchfield  
§ Art Unit: 3672  
§ Atty. Dkt. No.: 5659-06000/EBM

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8	
DATE OF DEPOSIT:	3/18/04
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to:	
Commissioner for Patents Alexandria, VA 22313-1450	
 Jackie L. Pitre	

FEE AUTHORIZATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

MAR 04 2004

GROUP 3600

Sir:

The Commissioner is hereby authorized to charge the following fees to Shell Oil Co.

Deposit Account Number 19-1800/TH1985:

1. Information Disclosure Statement Fee \$180.00

**TOTAL AMOUNT:** **\$180.00**

The Commissioner is also authorized to charge any extension fee or other fees that may be necessary to the same account number. If the above-mentioned account is found to have insufficient funds, the Commissioner is authorized to charge Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5659-06000/EBM.

Inventors: Vinegar et al.  
Appl. Ser. No.: 09/841,284  
Atty. Dckt. No.: 5659-06000

Respectfully submitted,



David W. Quimby  
Reg. No. 39,338

Attorney for Applicant

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.  
P.O. Box 398  
AUSTIN, TX 78767-0398  
(512) 853-8800 (voice)  
(512) 853-8801 (facsimile)

Date: February 19, 2004

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)



ATTY. DKT. NO. 5659-06000

SERIAL NO. 09/841,284

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	U11	4006778	2/8/1977	Redford et al.			

OTHER ART

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)
	AA11	Van Krevelen, D. W.; COAL: Typology-Physics-Chemistry-Constitution, 1993, p. 371.

RECEIVED

MAR 04 2004

GROUP 3600

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.